

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,050,701 B1  
APPLICATION NO. : 09/787427  
DATED : May 23, 2006  
INVENTOR(S) : Miyuki Sasaki et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

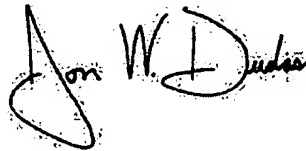
On the Title Page of the printed patent, at Item (87), PCT Publication Date, "June 4, 2000" should be --April 6, 2000--

On the Title Page of the printed patent, at Item (57), the Abstract should be replaced in its entirety with the following:

--A lead-out area is recorded and a session is formed each time a file is recorded with the data structure of a disk recorded in the conventional CD-R multi-session format. In this multi-session format the latest file structure recorded to the last session is read by reading in a chaining by means of a special command the first address of the following session recorded to the lead-in area of each session. Furthermore, each session must be closed for this disk to be read on a read-only disk drive. To solve this problem the present inventions records as chaining information and serially reads through the volume space management information for unrecorded disk area and file structure/file information management information to obtain the latest management information. In addition, open integrity information is recorded at the start of recording, close integrity information is recorded at the end of recording, and this information is serially read to obtain information about the volume.--

Signed and Sealed this

Second Day of January, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*